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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/943,465
				Filing Date	August 31, 2001
				First Named Inventor	Dennis G. Hall
				Group Art Unit	1645
				Examiner Name	N/A
Sheet	1	of	9	Attorney Docket Number	P287-USA1

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RL		4,355,153		Radici et al.	10-19-1982	RECEIVED MAY 24 2002
		4,652,613		Collins et al.	03-24-1987	
		5,032,266		Kirkland et al.	07-16-1991	
		5,128,114		Schwartz	07-07-1992	
		5,290,819		Witt et al.	03-01-1994	TECH CENTER 1600/2900 MAY 22 11 2:35 AM
		5,525,637		Henn et al.	06-11-1996	
		5,591,778		Scherzer et al.	01-07-1997	
		5,594,111		Stolowitz	01-14-1997	
		5,594,151		Stolowitz	01-14-1997	
		5,604,163		Endo et al.	02-18-1997	
		5,609,957		Page et al.	03-11-1997	
		5,623,055		Stolowitz	04-22-1997	
		5,648,470		Stolowitz	07-15-1997	
		5,668,257		Stolowitz	09-16-1997	
		5,668,258		Stolowitz	09-16-1997	
		5,677,431		Stolowitz	10-14-1997	
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	5,739,318		Frantzen et al.	04-04-1998		
	5,744,627		Stolowitz et al.	04-28-1998		
RL		5,767,238		Caporale	06-16-1998	

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Examiner Signature	<i>Harvard M. M. M.</i>	Date Considered	1-21-04
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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 2 of 9

Complete if Known

Application Number	09/943,465
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Attorney Docket Number	P287-USa1

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		Number	Kind Code ² (if known)			
ML		5,777,148		Stowolitz et al.	07-07-1998	
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Examiner
Signature

General Leprieu

Date _____

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1-21-04

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known													
Sheet	3	of	9	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">Application Number</td><td>09/943,465</td></tr><tr><td>Filing Date</td><td>August 31, 2001</td></tr><tr><td>First Named Inventor</td><td>Dennis G. Hall</td></tr><tr><td>Group Art Unit</td><td>1645</td></tr><tr><td>Examiner Name</td><td>N/A</td></tr><tr><td>Attorney Docket Number</td><td>P287-USa1</td></tr></table>	Application Number	09/943,465	Filing Date	August 31, 2001	First Named Inventor	Dennis G. Hall	Group Art Unit	1645	Examiner Name	N/A	Attorney Docket Number	P287-USa1
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Attorney Docket Number	P287-USa1															

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Hh		6,054,047		Hindsgaul et al.	04-25-2000	
		6,071,838		Endo et al.	06-06-2000	
		6,074,983		Derolf et al.	06-13-2000	
		6,075,126		Stolowitz et al.	06-13-2000	
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		6,083,903		Adams et al.	07-04-2000	
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		6,096,496		Frankel	08-01-2000	
		6,096,817		McNamara	08-01-2000	
Hh		6,103,885		Batelaan et al.	08-15-2000	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	3	Number ⁴ <i>(if known)</i>				
						11-12-1997		

Examiner Signature		Date Considered	1-21-04
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		First Named Inventor	Dennis G. Hall
		Group Art Unit	1645
		Examiner Name	N/A
		Attorney Docket Number	P287-USa1
Sheet	4	of	9

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
RL	1	Che et al., Hecheng Hauxve, 6(1), p. 148-151, 1998
	2	Che et al., Fenzl Cuihua, 12(2), p. 69-74, 1998
	3	Raju et al., Tetrahedron Letters, 38(28), p. 4965-4968, 1997
	4	Adrian et al., Tetrahedron, 54, p. 3581-3588, 1998
	5	Berteina et al., Synlett, p. 1231-1233, November 1998
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	8	Marx et al., J. Am. Chem. Soc., 119, p. 6153-6167, 1997
	9	Conti et al., Tetrahedron Letters, 38(16), p. 2915-2918, 1997
	10	Dankwardt et al., Tetrahedron Letters, 36(28), p. 4923-4926, 1995
RL	11	Haga, Chemical Abstracts, 132(14), No. 180563m, 2000

Examiner Signature	<i>Michael Lippman</i>	Date Considered	1-21-04
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Sheet	5	of	9	Attorney Docket Number	P287-USa1

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Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
mlh	12	Wilson, Chemical Abstracts No. 59262e, Vol. 133
	13	Arimori et al., Tetrahedron Letters, 41, p. 10291-10294, 2000
	14	Hall et al., Angew. Chem. Int. Ed. 38(20), p. 3064-3067, 1999
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	16	Gravel et al., J. Comb. Chem. 2, p. 228-231, 2000
	17	Thompson et al., Chem. Commun., p.2379-2380, 2000
	18	Wulff, Pure Appl. Chem. 1982, 2093-2101
	19	James et al., Angew. Chem. Int. Ed. Engl. 1996, 35, 1910-1922
	20	Kettner et al., J. Biol. Chem. 1984, 259, 15106-15114
	21	Martichonok et al., J. Am. Chem. Soc. 1996, 118, 950-958
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Examiner Signature	<i>Edward Lyman</i>	Date Considered	1-21-04
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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
phr	23	Zhong et al., J. Am. Chem. Soc. 1995, 117, 7048-7055
	24	Priestley et al., Org. Lett. 2000, 2, 3095-3097
	25	Barth et al., Sci. Am. 1990, 263, 100-107
	26	Hawthorne, Angew. Chem. Int. Ed. Engl. 1993, 32, 950-984
	27	Mehta et al., Pharm. Res. 1996, 13(3), 344-351
	28	Soloway et al., Chem. Rev. 1998, 1515-1562
	29	Smith et al., Adv. Supramol. Chem. 1999, 5, 157-202
	30	Suzuki, Organometal. Chem. 1999, 576, 147-168
	31	Suzuki, A., in "Metal-catalyzed Cross-coupling Reactions", Eds. Diederich, F. et al., Wiley-VCH, 1997, Chapt. 2
	32	Lappert, M.F., Chem. Rev. 1956, 56, 959-1065
phr	33	Duncia (1992) Medical Research Reviews 12(2) 149-191

Examiner Signature	<i>Reynard Supnaree</i>	Date Considered	1-21-04
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<i>ph</i>	34	Snyder et al., J. Am. Chem. Soc. 1938, 60, 105-111
	35	Matteson, J. Am. Chem. Soc. 1960, 82, 4228-4233
	36	Matteson, D.S., Stereodirected Synthesis with Organoboranes, Springer:1995, Berlin, Heidelberg, p. 17 (section 1.4.2)
	37	Frenette (1994) Tetrahedron Lett. 35(49), 9177-9180
	38	Huwe (1999) Tetrahedron Lett. 40, 683-686
	39	Chamoin (1998) Tetrahedron Lett. 39, 4179-4182
	40	Hamuro (1999) J. Am. Chem. Soc. 121, 1636-1644
	41	Sundaram (1969) Bull. Chem. Soc. Jpn. 42, 3141-3147
	42	Bedingfield (1995) J. Pharmacol. 116, 3323-3330
	43	Chan (1998) Tetrahedron Lett. 39, 2933-2936
<i>ph</i>	44	Petasis (1998) J. Am. Chem. Soc. 120, 11798-11799

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	46	Stachel (2000) Org. Lett. 2(11), 1637-1639
	47	Falkiewicz (1999) Nucleic Acids Symp. Ser. 42, 9-10
	48	Wisniewski (1998) J. Pept. Sci. 4, 1-14
	49	Organic Syntheses Collective Volumes, Gilman et al. (Eds) John Wiley & Sons, Inc., NY; Venuti (1989) Pharm Res. 6(10), 867-873
	50	Ugi, I.; Doemling, A.; Hoerl, W., Endeavour 1994, 18(3), 115-122
	51	Rana et al., J. Comb. Chem. 2001, 3, 9-15
	52	Bhattacharyya (2000) Comb. Chem. High Throughput Screen. 3, 117-124
	53	South (2000) Comb. Chem. High Throughput Screen. 3, 139-151
	54	South (2000) Biotechnol. Bioeng. 71(1), 51-57
ML	55	Davis (2000) Biotechnol. Bioeng. 71(1), 19-27

Examiner Signature	<i>Richard Lugin</i>	Date Considered	1-21-04
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	57	Philipp (1971) Proc. Nat. Acad. Sci. USA 68(2), 478-480
	58	Wendeborn (1998) Synlett pg 671-675
	59	Brown (1972) J. Am. Chem. Soc. 94:12, pg. 4370-4371
	60	Vaultier (1987), Tetrahedron Letters 28(36), pg. 4169-4172
	61	Hamuro (1999) J. Am. Chem. Soc. 121, 1636-1644
	62	Tsuji, J., Palladium Reagents and Catalysts; Wiley: Chichester, UK, 1995
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	65	
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Examiner Signature	<i>Remond Lupman</i>	Date Considered	1-21-04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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